

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030325AR\
 Data File : FD049155.D
 Signal(s) : FID2B.ch
 Acq On : 03 Mar 2025 11:39
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 04 01:37:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 12 12:54:29 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.350	3259612	22.777 ug/ml
Spiked Amount 50.000		Recovery =	45.55%
6) S 2-Fluorobiphenyl (SURR)	8.201	1966625	22.370 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.74%
11) S ortho-Terphenyl (SURR)	11.231	3721980	23.007 ug/ml
Spiked Amount 50.000		Recovery =	46.01%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.174	3648019	22.907 ug/ml
2) T Naphthalene (C11.7)	5.691	3638325	22.913 ug/ml
3) T 2-Methylnaphthalene (...)	6.738	3599371	23.118 ug/ml
5) T Acenaphthylene (C15.06)	8.002	3664763	22.538 ug/ml
7) T Acenaphthene (C15.5)	8.294	3763515	22.877 ug/ml
8) T Flouorene (C16.55)	9.075	3534965	22.423 ug/ml
9) T Phenanthrene (C19.36)	10.462	3428112	22.748 ug/ml
10) T Anthracene (C19.43)	10.539	3137504	20.774 ug/ml
12) T Fluoranthene (C21.85)	12.265	3507481	22.729 ug/ml
13) T Pyrene (C20.8)	12.558	3439099	22.323 ug/ml
14) T Benzo[a]anthracene (C...	14.427	2908759	22.138 ug/ml
15) T Chrysene (C27.41)	14.468	3572138	22.093 ug/ml
16) T benzo[b]fluoranthene ...	15.974	3103346	22.554 ug/ml
17) T Bnezo[k]fluoranthene ...	16.005	3499425	22.156 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.354	2963978	21.836 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.722	2003451	18.334 ug/ml
20) T Dibenz[a,h]anthracene...	17.764	3062077	19.738 ug/ml
21) T Benzo[g,h,i]perylene ...	17.966	3023763	20.861 ug/ml

(f)=RT Delta > 1/2 Window

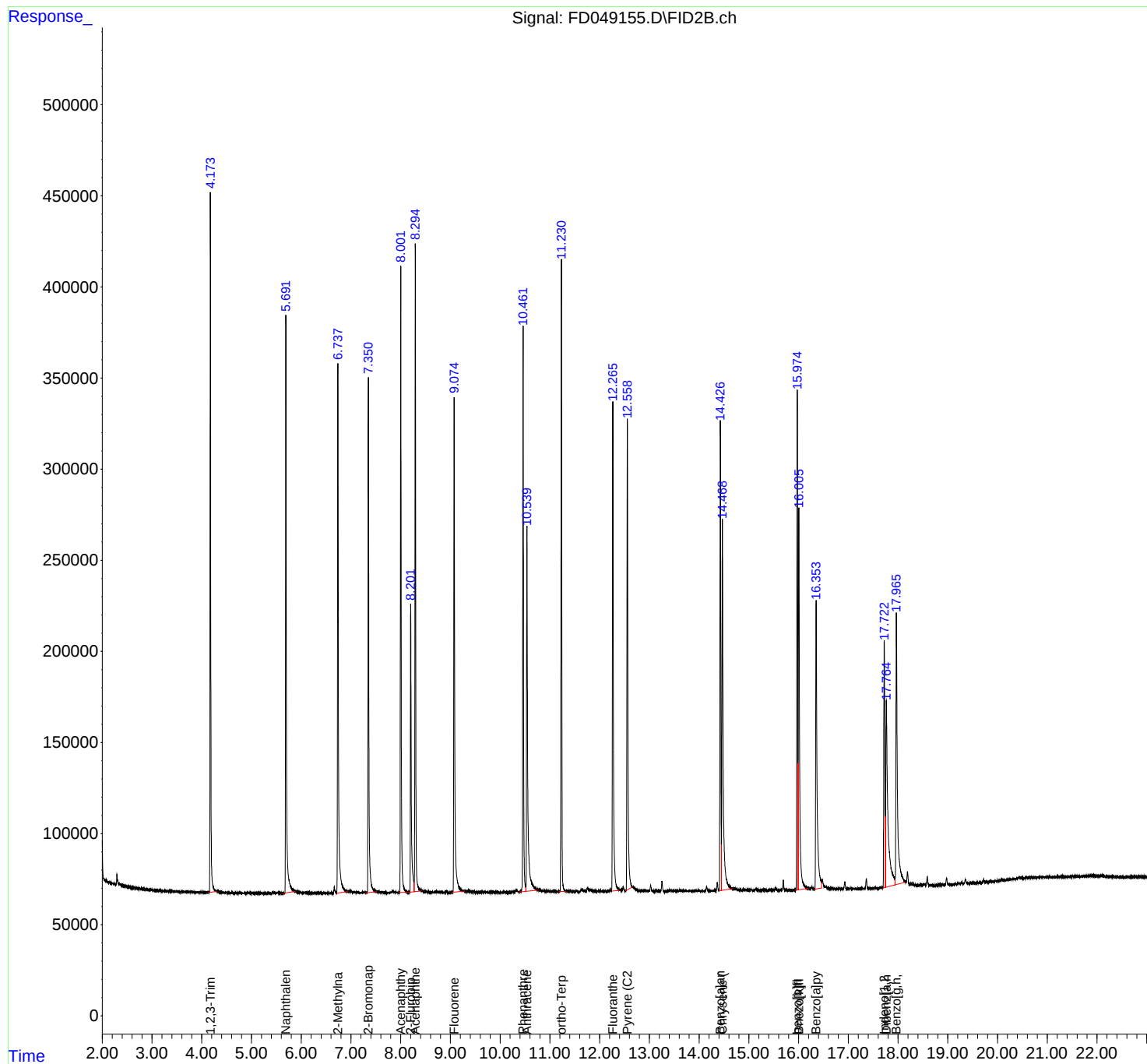
(m)=manual int.

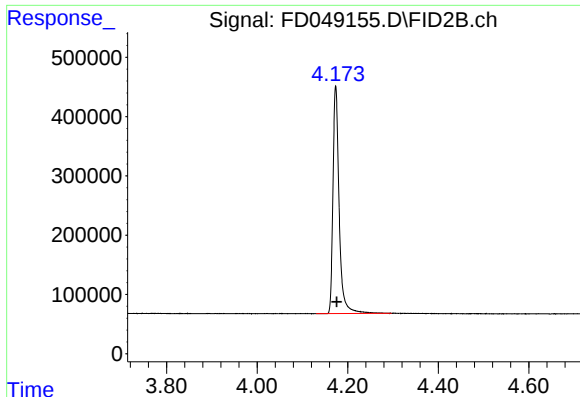
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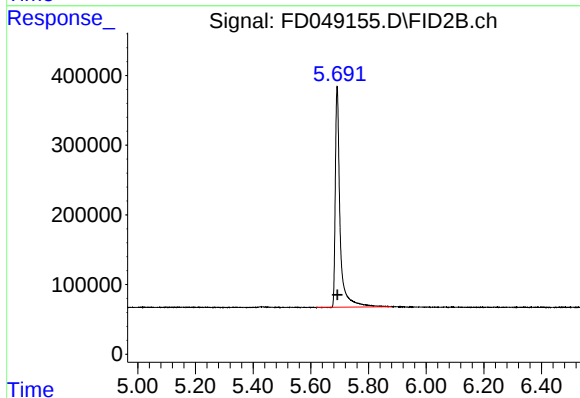




#1 1,2,3-Trimethylbenzene (C10.1)

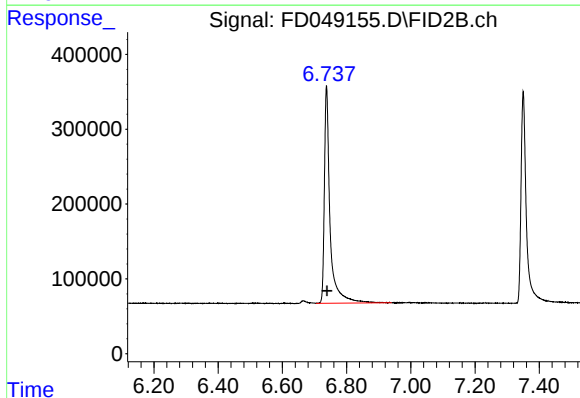
R.T.: 4.174 min
Delta R.T.: -0.002 min
Response: 3648019
Conc: 22.91 ug/ml

Instrument :
FID_D
ClientSampleId :



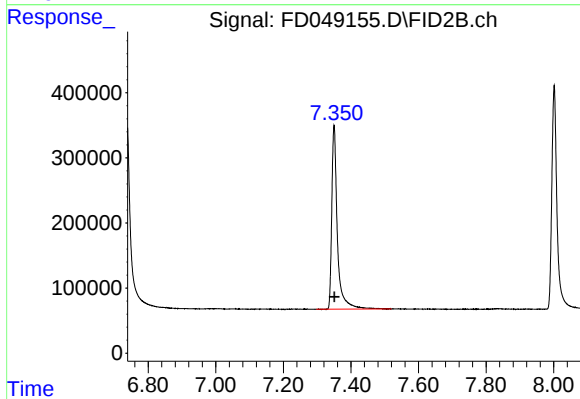
#2 Naphthalene (C11.7)

R.T.: 5.691 min
Delta R.T.: -0.002 min
Response: 3638325
Conc: 22.91 ug/ml



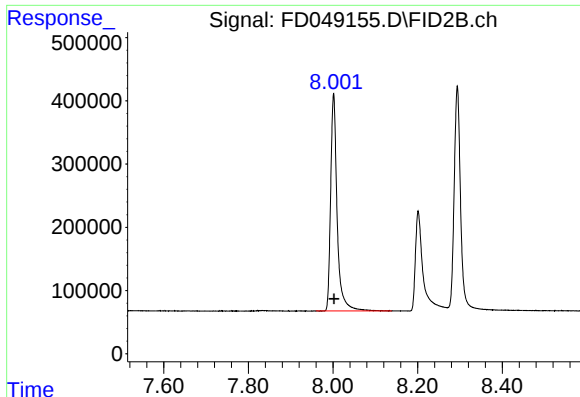
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.738 min
Delta R.T.: -0.001 min
Response: 3599371
Conc: 23.12 ug/ml



#4 2-Bromonaphthalene (SURR)

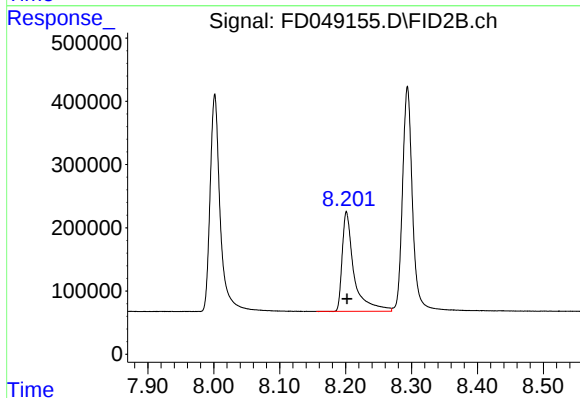
R.T.: 7.350 min
Delta R.T.: -0.001 min
Response: 3259612
Conc: 22.78 ug/ml



#5 Acenaphthylene (C15.06)

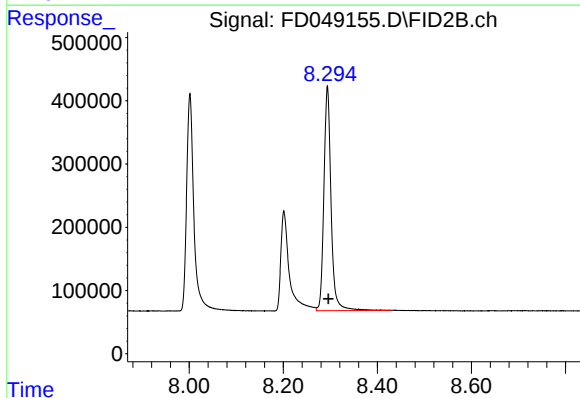
R.T.: 8.002 min
Delta R.T.: -0.001 min
Response: 3664763
Conc: 22.54 ug/ml

Instrument :
FID_D
ClientSampleId :



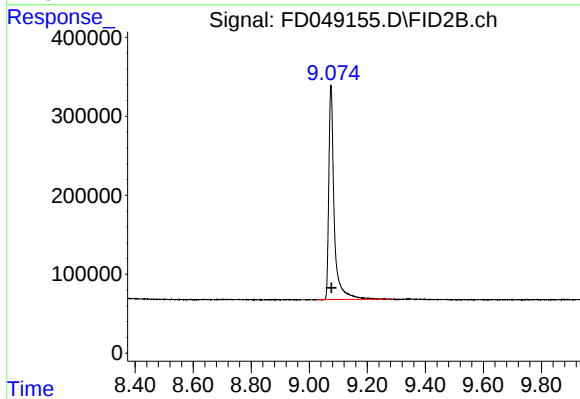
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.201 min
Delta R.T.: 0.000 min
Response: 1966625
Conc: 22.37 ug/ml



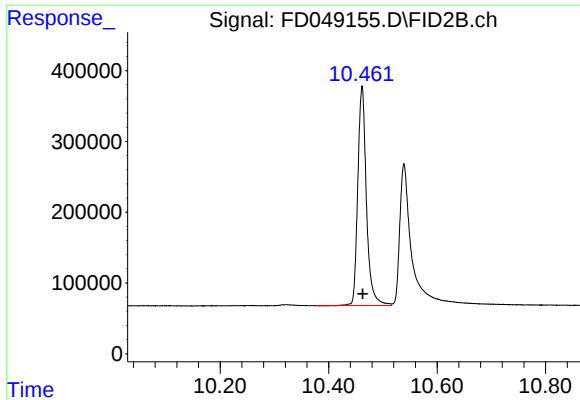
#7 Acenaphthene (C15.5)

R.T.: 8.294 min
Delta R.T.: -0.002 min
Response: 3763515
Conc: 22.88 ug/ml



#8 Fluorene (C16.55)

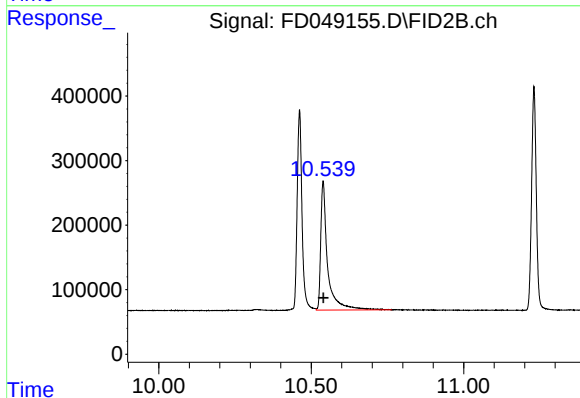
R.T.: 9.075 min
Delta R.T.: -0.001 min
Response: 3534965
Conc: 22.42 ug/ml



#9 Phenanthrene (C19.36)

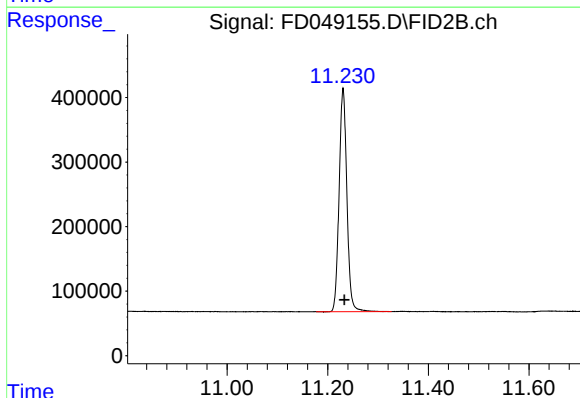
R.T.: 10.462 min
Delta R.T.: -0.001 min
Response: 3428112
Conc: 22.75 ug/ml

Instrument :
FID_D
ClientSampleId :



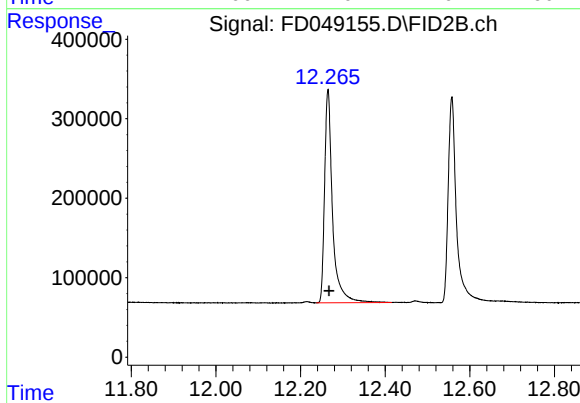
#10 Anthracene (C19.43)

R.T.: 10.539 min
Delta R.T.: 0.000 min
Response: 3137504
Conc: 20.77 ug/ml



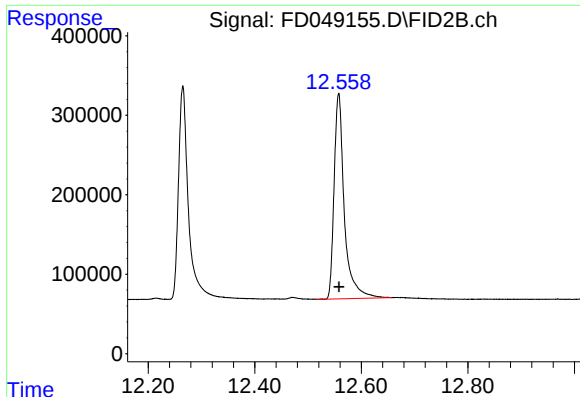
#11 ortho-Terphenyl (SURR)

R.T.: 11.231 min
Delta R.T.: -0.003 min
Response: 3721980
Conc: 23.01 ug/ml



#12 Fluoranthene (C21.85)

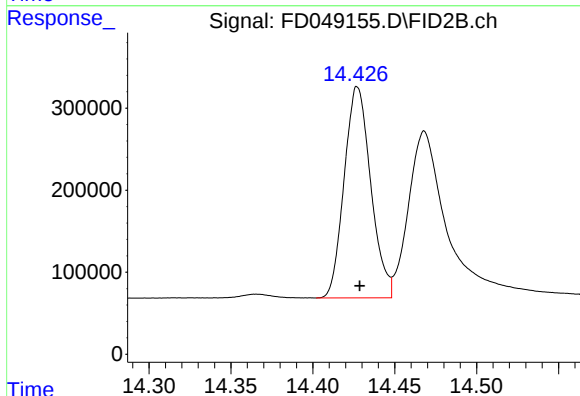
R.T.: 12.265 min
Delta R.T.: -0.002 min
Response: 3507481
Conc: 22.73 ug/ml



#13 Pyrene (C20.8)

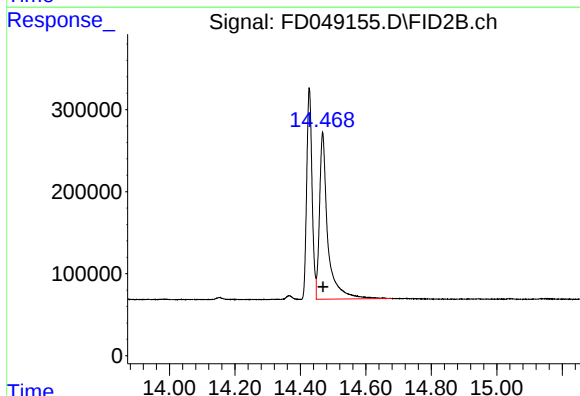
R.T.: 12.558 min
Delta R.T.: 0.000 min
Response: 3439099
Conc: 22.32 ug/ml

Instrument :
FID_D
ClientSampleId :



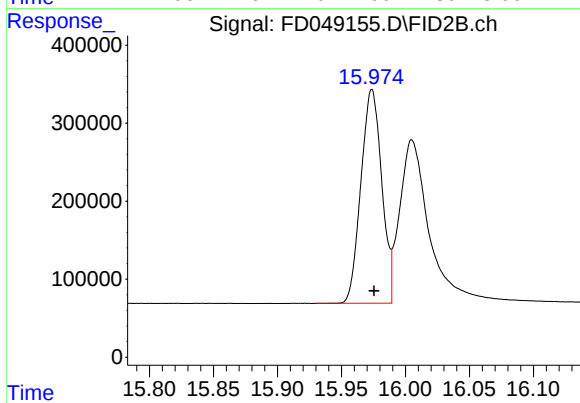
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.427 min
Delta R.T.: -0.001 min
Response: 2908759
Conc: 22.14 ug/ml



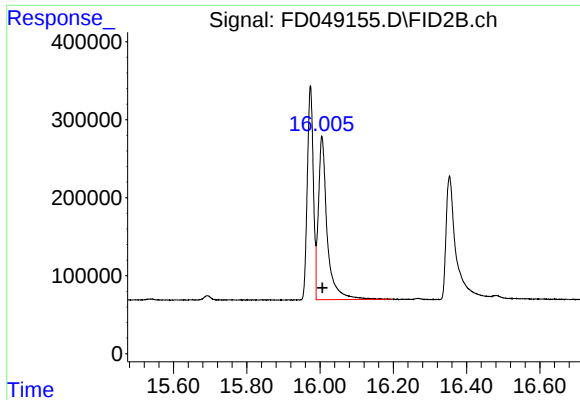
#15 Chrysene (C27.41)

R.T.: 14.468 min
Delta R.T.: -0.001 min
Response: 3572138
Conc: 22.09 ug/ml



#16 benzo[b]fluoranthene (C30.41)

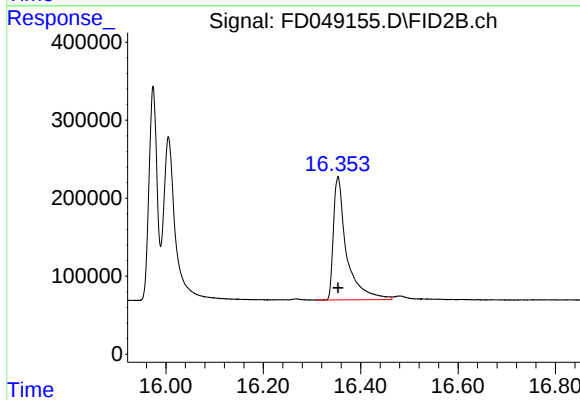
R.T.: 15.974 min
Delta R.T.: -0.002 min
Response: 3103346
Conc: 22.55 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

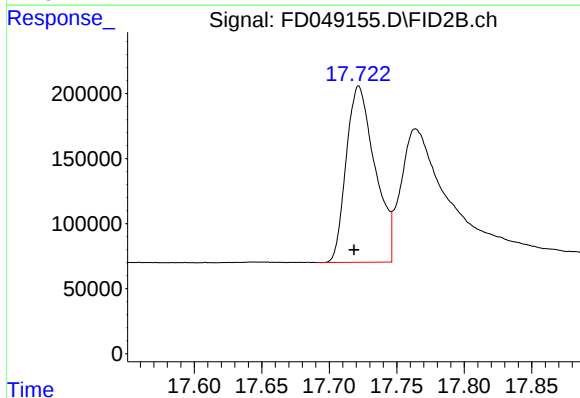
R.T.: 16.005 min
Delta R.T.: -0.001 min
Response: 3499425
Conc: 22.16 ug/ml

Instrument :
FID_D
ClientSampleId :



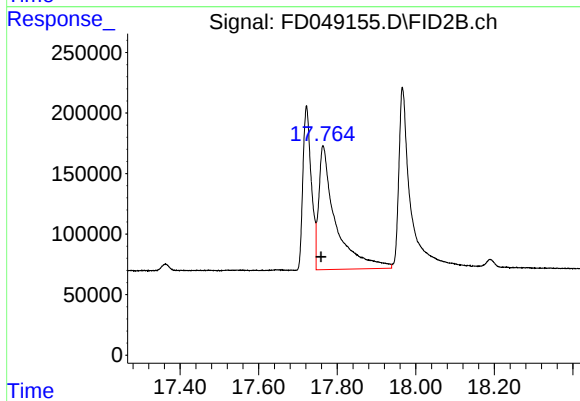
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.354 min
Delta R.T.: 0.000 min
Response: 2963978
Conc: 21.84 ug/ml



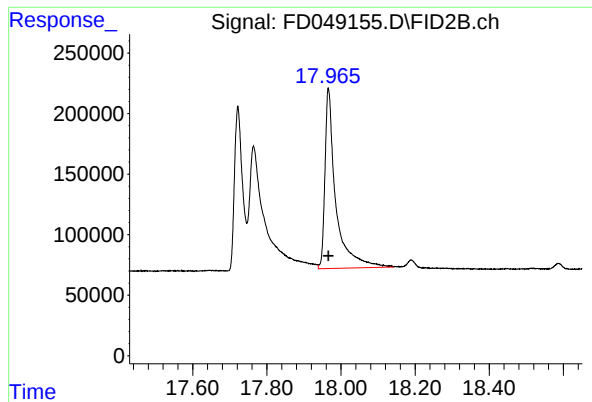
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.722 min
Delta R.T.: 0.004 min
Response: 2003451
Conc: 18.33 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.764 min
Delta R.T.: 0.005 min
Response: 3062077
Conc: 19.74 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 17.966 min
Delta R.T.: 0.000 min
Response: 3023763
Conc: 20.86 ug/ml

Instrument :

FID_D

ClientSampleId :